

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

FRANK P. UCKERT ET. AL.

CASE NO.: PE0667USDIV

APPLICATION NO.: 10/809,737

CONFIRMATION NO.: 8176

GROUP ART UNIT: 1714

EXAMINER: UNKNOWN

FILED: MARCH 25, 2004

FOR: ELECTROACTIVE FLUORENE COPOLYMERS AND DEVICES MADE WITH
SUCH POLYMERS**INFORMATION DISCLOSURE STATEMENT**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. A copy of the information is also enclosed.

Benefit of the earlier filing date of U.S. Patent Application No. 10/137,898, filed May 2, 2002 is claimed under 35 U.S.C. 120 for the above-referenced application and only copies of information not previously made of record in the parent are enclosed.

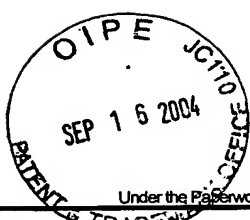
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Respectfully submitted,

MARY ANN CAPRIA
ATTORNEY FOR APPLICANTS
Registration No.: 32,659
Telephone: (302) 992-3749
Facsimile: (302) 892-7949Dated: 9/14/2004

Enclosures

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	10/809,737
Filing Date	March 25, 2004
First Named Inventor	Frank P. Uckert et al.
Group Art Unit	1714
Examiner Name	Unknown
Attorney Docket Number	PE0667USDIV

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number -	Kind Code ² (if known)			
		US -	4,508,639	04-02-1985	Camps et al.	
		US -	5,621,131A	04-15-1997	Kreuder et al.	
		US -	5,814,244A	09-29-1998	Kreuder et al.	
		US -	5,821,002A	10-13-1998	Ohnishi et al.	
		US -	5,856,434A	01-05-1999	Stern et al.	
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FOREIGN PATENT DOCUMENTS

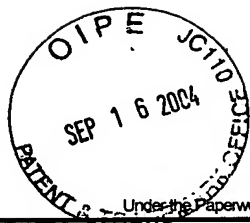
Examiner Initials *	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		CountryCode ³	Number ⁴ Kind Code ⁵ (if known)				
			EP 0 259 229 B1	09-02-1987	Makromolekulare Chemie		<input type="checkbox"/>
			EP 0 956 312 B1	01-29-1998	JSR Corporation		<input type="checkbox"/>
			WO 01/07502 A2	02-01-2001	Cambridge Display Techn		<input type="checkbox"/>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

of 2

Complete if Known

Application Number	10/809,737
Filing Date	March 25, 2004
First Named Inventor	Frank P. Uckert et al.
Group Art Unit	1714
Examiner Name	Unknown
Attorney Docket Number	PE0667USDIV

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DE 19846767, Partially conjugated polymer useful as an organic semiconductor or an electroluminescence material, and for display elements in television monitor and illumination technology contains fluorene building units, Abstract, 06-13-2000, Aventis Res & Technologies GmbH	<input type="checkbox"/>
		JP 2000319272, (Diarylamino) furan analogues with improved stability, useful pharmaceutical intermediates and electron hole transport or photosensitive materials, Abstract, 04-21-2001, Tosoh Corp	<input type="checkbox"/>
		JP 08157575, Carrier transport polymers – useful as carrier transport materials in organic thin film electroluminescence devices, Abstract, 10-25-1996, Toppan Printing Co. Ltd.	<input type="checkbox"/>
		JP 2000143778, Display element such as cathode ray tube and light emitting diode, comprises specified light emitting compound as color developing materials, Abstract, 10-06-2000, Samsung Denkan KK	<input type="checkbox"/>
		JP 10273522, Production of phenylene group-containing copolymers – comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 01-13-1999, Nippon Gosei Gomu KK	<input type="checkbox"/>
		JP 10273521, Production of phenylene group-containing copolymers – comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 12-23-1999, Nippon Gosei Gomu KK	<input type="checkbox"/>
		JP 03028220, Electrochromic elements for display or optical shield glass – contg. film of polyphenylene polymer derived from fluorene, Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
		JP 03017120, Polyphenylene polymers used as conductive material or display material are produced by chemical or electrochemical-oxidative polymerizing of specified fluorene derivs, Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
		JP 02269734, New polyphenylene-type polymer prepd. By oxidn. Polymerization of fluorene derive., Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
		KR 99057430, Fluorene-based alternating statistical copolymer containing multi-luminescence groups and electroluminescence device using the same, Abstract, 07-15-1999, Korea Adv Inst Sci & Technology	<input type="checkbox"/>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/137,898
				Filing Date	MAY 2, 2002
				First Named Inventor	FRANK P. UCKERT ET AL.
				Group Art Unit	1711
				Examiner Name	UNKNOWN
				Attorney Docket Number	PE0667 US NA
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (If known)				
<i>Jac</i>		US -	5,777,070 A	07/07/1998	INBASEKARAN ET AL.	
<i>Lec</i>		US -	5,998,045 A	12/07/1999	CHEN ET AL.	
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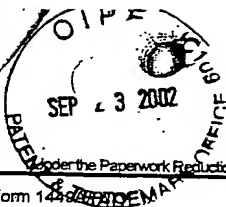
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Sheet

1

1

Complete if Known

Application Number

10/137.898

Filing Date

MAY 2, 2002

First Named Inventor

FRANK P. UCKERT ET AL.

Group Art Unit

1711

Examiner Name _____

UNKNOWN

Attorney Docket Number

PE0667 US NA

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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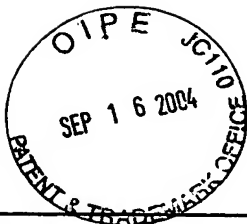
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Notice of References Cited

Application/Control No.
10/137,898

Applicant(s)/Patent Under Reexam
Uckert et al.

Examiner
Ling-Siu Choi

Art Unit
1713

Page 1 of 1

U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Name	Classification ²	
A	5,621,131	4/1997	Kreuder et al.	558	46
B	5,962,631	10/1999	Woo et al.	528	397
C					
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	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Country	Name	Classification ²	
N						
O						
P						
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S						
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NON-PATENT DOCUMENTS

	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
U	Miller et al., Nonlinear Optics, 20, 269-295(1999).
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